

Converting Colors

Yxy(66.7342, 0.3478, 0.3161)

Have a look what the booklet for
Yxy(66.7342, 0.3478, 0.3161)
contains.

Yxy(66.8100, 0.3482, 0.3168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.8100, 0.3482, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D3
RGB	255, 199, 211
RGB Percent	100%, 78%, 83%
CMY	0.0000, 0.2196, 0.1726
CMYK	0.00, 0.22, 0.17, 0.00
HSL	347°, 100%, 89%
HSV	347°, 22%, 100%
XYZ	73.4320, 66.8100, 70.6482
YIQ	217.1120, 29.5240, 15.6040

Conversions

Conversions Part 2

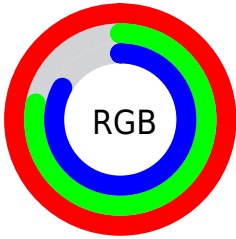
Format	Color
R_{YB}	255, 199, 211
Decimal	16762835
CIE _{Lab}	85.41, 21.69, 1.70
CIE _{LCh}	85, 21.758, 4.471
Yxy	66.8100, 0.3482, 0.3168
Android (android.graphics.Color)	4294952915 (0xFFFFC7D3)
YUV	217.1120, -3.0132, 33.2278
Hunter-Lab	81.7374, 17.3220, 5.9700

Details

The Yxy color **66.8100, 0.3482, 0.3168** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.1315, 0.2861, 0.3416**, and the grayscale version is **69.4688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6909, 0.3568, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **55.0951, 0.3706, 0.3109**, and if you desaturate by 10%, it is **80.6061, 0.3300, 0.3226**.

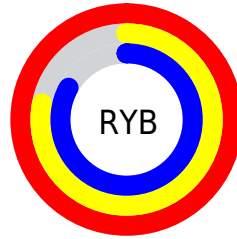
Distribution



Red (100%)

Green (78%)

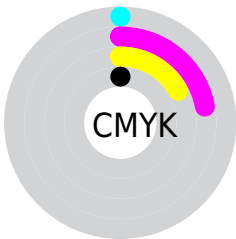
Blue (83%)



Red (100%)

Yellow (78%)

Blue (83%)

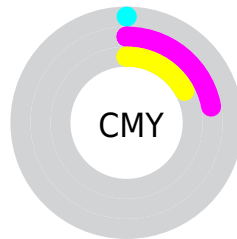


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8100, 0.3482, 0.3168 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 66.8100, 0.3482, 0.3168 by changing the saturation by 10% instead.


 66.8100, 0.3482,
0.3168

 66.8100, 0.3482,
0.3168


449.2682, 0.3315,
0.3226

 48.9302, 0.3521,
0.3154


114.6481, 0.3423,
0.3189

 34.5641, 0.3570,
0.3137


145.3753, 0.3401,
0.3196

 23.3273, 0.3632,
0.3115


181.1537, 0.3381,
0.3203

 14.8354, 0.3714,
0.3085

222.3677, 0.3364,
0.3209

 8.7039, 0.3829,
0.3044

269.4018, 0.3350,
0.3214

 4.5486, 0.3998,
0.2982

322.6403, 0.3337,


 1.9849, 0.4273,


0.3219


0.2878


382.4676, 0.3325,
0.3223


 0.5987, 0.4986,
0.2652


 0.0000, 1.0000,
0.0000


 66.8100, 0.3482,
0.3168

 66.8100, 0.3482,
0.3168

 55.0951, 0.3706,
0.3109


 80.6061, 0.3300,
0.3226

 45.3739, 0.3980,
0.3052

 96.5939, 0.3153,
0.3280

 37.5304, 0.4307,
0.3002

100.0000, 0.3127,
0.3290

 31.4422, 0.4683,
0.2969

■ 26.9727, 0.5091,
0.2961

■ 23.9648, 0.5497,
0.2988

■ 22.2295, 0.5854,
0.3053

■ 21.5325, 0.6078,
0.3122

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.8100, 0.3229, 0.2978



66.8100, 0.3482, 0.3168



66.8100, 0.3639, 0.3393

Triad

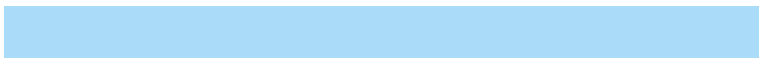
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.8100, 0.3482, 0.3168



66.8100, 0.3280, 0.3760



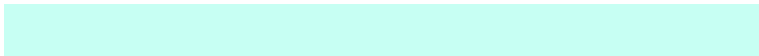
66.8100, 0.2628, 0.2951

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.8100, 0.3482, 0.3168



90.1315, 0.2861, 0.3416

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.8100, 0.2641, 0.3151



66.8100, 0.3482, 0.3168



66.8100, 0.3010, 0.3635

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8100, 0.3482, 0.3168



66.8100, 0.3517, 0.3744



66.8100, 0.2778, 0.3405



66.8100, 0.2741, 0.2851

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.8100, 0.3482, 0.3168



66.8100, 0.3664, 0.3539



66.8100, 0.2778, 0.3405



66.8100, 0.2618, 0.3008

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.8050, 0.3482, 0.3168



88.2647, 0.3223, 0.3253



67.0927, 0.3064, 0.2727



18.6867, 0.3232, 0.3250



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8050, 0.3482, 0.3168



61.8337, 0.3567, 0.3144



73.9123, 0.3542, 0.3453



18.0508, 0.3260, 0.3239



11.2688, 0.6041, 0.3102



1.1124, 0.5737, 0.2934

Inverse Universe

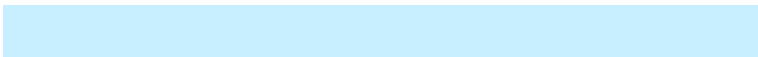
The Inverse Universe completely reimagines the original color for something new.



66.8050, 0.3482, 0.3168



61.8337, 0.3567, 0.3144



81.1701, 0.2787, 0.3120



18.0508, 0.3260, 0.3239



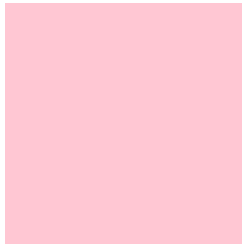
11.2688, 0.6041, 0.3102



1.1124, 0.5737, 0.2934

Previews

White Background



This preview shows how the Yxy color 66.8100, 0.3482, 0.3168 looks on a white background.

Color Contrast Check

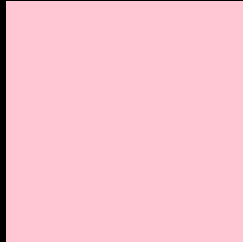
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 66.8100, 0.3482, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8100, 0.3482, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 66.8100, 0.3482, 0.3168.



This preview shows how white text looks on a background with the Yxy color 66.8100, 0.3482, 0.3168.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.8100, 0.3482, 0.3168

Protanopia

67.3019, 0.3108, 0.3223

Deuteranopia

67.1117, 0.3328, 0.3258



Tritanopia

66.9619, 0.3458, 0.3138

Trichromacy



Original Color

66.8100, 0.3482, 0.3168

Protanomaly

66.8926, 0.3237, 0.3204

Deuteranomaly

66.8936, 0.3386, 0.3227

Tritanomaly

66.9109, 0.3466, 0.3148

Monochromacy



Original Color

66.8100, 0.3482, 0.3168

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.9884, 0.3250, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8100, 0.3482, 0.3168 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 211) }
```

Border

The CSS property to change the border of an element to Yxy 66.8100, 0.3482, 0.3168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 199, 211) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 199, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8100, 0.3482, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
199, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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